

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office THU JUL 11 1912

State if Report is also sent on the Machinery of the Vessel *yes*

Date of completion of report *July 10th 1912* Port of Hull
Survey held at *Hull* Date, First Survey *Jan. 26th* Last Survey *July 3rd 1912*
On the *Steam Trawler "VIREO."* Rig *Ketch.*

TONNAGE under
Tonnage Deck... 189.62
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk. 2.76
Do. of excess of Hatchways
Do. above Crown of Engine Room... 192.38
Gross Tonnage 192.38
Less Crew Space 19.78
Less above Crown of Engine Room... 192.60
TONNAGE FOR FEES... 84.67
Less Engine Room 15.15
Less Navigation Spaces
Register Tonnage 42.48

CLASS *Steam Trawler.* FEET.
Breadth (greatest moulded)... 21.50
Depth, at middle of length from top of keel to top of upper deck beams at side... 12.92
Transverse Number... 34.42
Length on deck from fore part of stem to after part of stern post... 110.0
Longitudinal Number... 3786
Depth "d," at middle of length (See Secs. 2 & 13)... 11.53
Proportions—Depth to Length—Upper Deck Beam at side to top of keel... 5.5
" " Long Bridge Deck Beam at side to top of keel...
Destined Voyage *Fishing.*

Master *C. Winn.*
Year of appointment
Built at *Hull*
When built *1912* Launched *30th May.*
By whom built *Hull Shipbuilding & Repairing Co. Ltd.*
Owners *Kelsall Brothers & Bushing, Ltd.*
Managers
Residence *Hull*
Port belonging to *Hull*

If Surveyed while Building, Afloat, or in Dry Dock
Moulded depth, ft. 12 ins. 11 To Bridge Dk. Round of Upper Dk. Beam, Actual 5 1/2 ins.
No. of Decks with flat laid on
No. of Tiers of Beams on

Dimensions of Ship per Register, Length 110.0 breadth 21.5 depth 12.0

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approv.	Inches per Rule Or as Approv.
FRAME, Angles, <i>or E or L</i> Bars amidships	4 1/2	3	20	4 1/2	3	8
Do. in peaks						
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships	21			21		
" " from #						
" " length to Collision bulkhead						
" " in peaks						
REVERSED FRAME, Angles						
Do. in way of Double Bottoms at Solid Floors						
" " at intermdt. Bkts.						
FRAMING, depth of girder	16	6	16	6		
FLOORS, depth and thickness of Floor Plate at mid-line for # length amidships	10	8		10	8	
" in way of Engine and Boiler Spaces		6		6		
" thickness at the ends of vessel						
" depth at 3/4 the half breadth, as per Rule						
" height extended at the Bilges						
FLOORS & BRACKETS in Cell Dble Bottoms						
" state if flanged (top & bottom)						
" Spacing						
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						
" Angles, Top						
" Bottom						
" to Floors						
SIDE GIRDERS, number on each side & thickness						
" state if flanged (top and bottom)						
" Angles (top and bottom)						
" to Floors						
MARGIN PLATE, depth (exclusive of flange) and thickness						
" Angles to Outside Plating						
" Floors						
" Height of Brackets above at bilge						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						
" in Engine and Boiler space						
" Remainder in Holds						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	8	5 1/2	3	8
" Angles on upper edge						
" In way of Long Bridge						
" Spacing	42			42		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge						
" Spacing						

PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approv.	Inches per Rule Or as Approv.
PILLARS, In 'tween Deck, size and spacing						
" Hold						
" Quarter 'tween Dks.						
" in Hold						
KEELSONS & STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8 1/2	5	8 1/2	5		
" Rider Plate						
" Flat Plate Keel Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles	4	3	10	4	3	10
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside Plating with Angle						
BILGE KEELSON, Angles (in Dm.)	5	4	10	5	4	10
" Intercoastal Plate for length						
" Attached to outside Plating with Angle						
SIDE STRINGERS, Number						
" Angle	5	4	8	5	4	8
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	23	6	23	6		
" " " " (in way of Bridge)	3	3	6	3 x 3	6	
" " Angle (clear of Bridge)	8 1/2	6	8 1/2	6		
" Tie Plate at sides of Hatchways						
" Deck * Iron or Steel, for lng.						
" Thickness (clear of Bridge)						
" (in way of Bridge)						
" Wood Deck. Material & thcknss. P. Pine	13			3		
Second Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck * Iron or Steel, for lng.						
" Wood Deck. Material & thickness						
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck * Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						
Forecastle Deck Stringer Plate, br'dth & th'kns						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

[illegible]

EQUIPMENT NO.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS				3796.									
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.				TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 31.				Description of Anchor.				Makers.		Where and when tested and Superintendent.			
				Cwts. qrs. lbs.				Tons. cwts. qrs. lbs.				Cwts. qrs. lbs.													
11158		1st Bower		5 0 8				1 2 7				9 2 21				Rodgers				N. Bloomer & Co.		L.P.M.C.H. 27-3-12. Paul			
11159		2nd "		4 2 0				1 0 16				6 17 20				"				"		27-3-12 "			
11160		3rd "		2 3 2				- 2 24				5 5 0				2 2 0				"		27-3-12 "			
		4th "																							
		Collective weight																							
		Stream																							
		Kedge																							
CHAIN CABLES.																									
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Brassing Test of Steel Wire Towline.		Length and Size per Table 31.	
		Fathoms. Ins.		Tons. Tons.		Cwts. qrs. lbs.				Fathoms. Ins.										Length. Cir.		Fathoms. Ins.		Length. Cir.	
40153		90 1/2		18 27		463-0 453-17				90		18 1/16		Attd N. Bloomer & Co. L.P.M.C.H. 29-3-12		L.P.M.C.H. 29-3-12		12 Single 1/2" 1/4" 1/8" 1/16" 1/32" 1/64" 1/128" 1/256" 1/512" 1/1024" 1/2048" 1/4096" 1/8192" 1/16384" 1/32768" 1/65536" 1/131072" 1/262144" 1/524288" 1/1048576" 1/2097152" 1/4194304" 1/8388608" 1/16777216" 1/33554432" 1/67108864" 1/134217728" 1/268435456" 1/536870912" 1/1073741824" 1/2147483648" 1/4294967296" 1/8589934592" 1/17179869184" 1/34359738368" 1/68719476736" 1/137438953472" 1/274877906944" 1/549755813888" 1/1099511627776" 1/2199023255552" 1/4398046511104" 1/8796093022208" 1/17592186044416" 1/35184372088832" 1/70368744177664" 1/140737488355328" 1/281474976710656" 1/562949953421312" 1/1125899906842624" 1/2251799813685248" 1/4503599627370496" 1/9007199254740992" 1/18014398509481984" 1/36028797018963968" 1/72057594037927936" 1/144115188075855872" 1/288230376151711744" 1/576460752303423488" 1/1152921504606846976" 1/2305843009213693952" 1/4611686018427387904" 1/9223372036854775808" 1/18446744073709551616" 1/36893488147419103232" 1/73786976294838206464" 1/147573952589676412928" 1/295147905179352825856" 1/590295810358705651712" 1/1180591620717411303424" 1/2361183241434822606848" 1/4722366482869645213696" 1/9444732965739290427392" 1/18889465931478580854784" 1/37778931862957161709568" 1/75557863725914323419136" 1/151115727451828646838272" 1/302231454903657293676544" 1/604462909807314587353088" 1/1208925819614629174706176" 1/2417851639229258349412352" 1/4835703278458516698824704" 1/9671406556917033397649408" 1/19342813113834066795298816" 1/38685626227668133590597632" 1/77371252455336267181195264" 1/154742504910672534362390528" 1/309485009821345068724781056" 1/618970019642690137449562112" 1/1237940039285380274899124224" 1/2475880078570760549798248448" 1/4951760157141521099596496896" 1/9903520314283042199192993792" 1/19807040628566084398385987584" 1/39614081257132168796771975168" 1/79228162514264337593543950336" 1/158456325028528675187087900672" 1/316912650057057350374175801344" 1/633825300114114700748351602688" 1/1267650600228229401496703205376" 1/2535301200456458802993406410752" 1/5070602400912917605986812821504" 1/10141204801825835211973625643008" 1/20282409603651670423947251286016" 1/40564819207303340847894502572032" 1/81129638414606681695789005144064" 1/162259276829213363391578010288128" 1/324518553658426726783156020576256" 1/649037107316853453566312041152512" 1/1298074214633706907132624082305024" 1/2596148429267413814265248164610048" 1/5192296858534827628530496329220096" 1/10384593717069655257060992658440192" 1/20769187434139310514121985316880384" 1/41538374868278621028243970633760768" 1/83076749736557242056487941267521536" 1/166153499473114484112975882535043072" 1/332306998946228968225951765070086144" 1/664613997892457936451903530140172288" 1/1329227995784915872903807060280344576" 1/2658455991569831745807614120560689152" 1/5316							

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten notes in the upper section of the page.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *IDK.*

Official No. *133392*; Signal Letters ☒

State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* Outside *Paint*.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. ☒

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <input checked="" type="checkbox"/>			Fore peak tank, <input checked="" type="checkbox"/>		
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank, <input checked="" type="checkbox"/>		
Double bottom, if under Engines only, <input checked="" type="checkbox"/>			Deep tank, aft, <input checked="" type="checkbox"/>		
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, <input checked="" type="checkbox"/>	<i>21.0</i>	<i>30</i>
Double bottom, forward, <input checked="" type="checkbox"/>			Other tanks, if fitted, <input checked="" type="checkbox"/>		
Total capacity of double bottom <input checked="" type="checkbox"/>			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. *Yes*

Order for Special Survey No. *1927*

Date

8/2/12

DATE of Surveys held while building

1912: Jan 26 Feb 7. 8. 12. 14. 15. 16. 20. 23. 27. Mar 4. 8. 15. 19. 27. 29. Apr 2. 3. 15. 23. 30. May 3. 7. 9. 11. 14. 16. 20. 23. 29. 30. Jun 3. 6. 26. 27 July 3.

No. *149* in builder's yard.

Total No. of Visits *36*

Surveyor's Signature

Allison B. Wilson

Foundation